

P.B.5818 – Patentlaan 2 2280 HV Rijswijk (ZH) 31 70 340 2040 TX 31651 epo nl FAX +31 70 340 3016 Europäisches Pat ntamt

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Zweigstelle in Den Haag Recherchenabteilung European Patent Offic

Branch at The Hague Search division Office européen d s br vets

Département à La Haye Division de la recherche

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13. Nov. 2003

FRIST TERM

EINGANG - RECEIVED

Datum/Date	
12.11.03	

Zeichen/Ref./Réf.

EP24237-05148/j

Anmeldung Nr./Application No./Demande n°./Patent Nr./Patent No./Brevet n°.

02293043.2-1528-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

S.O.I. Tec Silicon on Insulator Technologies S.A.

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

X abstract

X title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

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REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



EUROPEAN SEARCH REPORT

Application Number EP 02 29 3043

Category	Citation of document with in of relevant pass	ndication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	figure 4 * * column 3, line 31 * column 5, line 55 figure 1 * * column 6, line 58 figure 1 * * column 8, line 5 * column 8, line 30 * column 12, line 3 * column 12, line 4	HANDOTAI KK (JP)) 001-11-21) - line 11 * - column 3, line 27; - column 4, line 18 * - column 6, line 30; - column 7, line 44; - line 18; figure 4 * - column 9, line 9 *	1,2,5,12,13,15	H01L21/304 H01L21/306
Y	*		3,4, 6-11,14	
Y	AL) 24 July 2001 (2 * column 1, line 10 * column 1, line 61 * column 2, line 52 figures 1-3 * * column 4, line 11 6,6A *	<pre>- line 31 * - line 67 * - column 3, line 28; - line 67; figures - line 41; figures</pre>	3,14	TECHNICAL FIELDS SEARCHED (Int.CI.7) H01L B24B
A		-/	1,2,12,	
	The present search report has	·		
	Place of search BERLIN	Date of completion of the search 4 November 2003	Kloi	Examiner pfenstein, P
X : part Y : part doci A : tech	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotument of the same category inological background i-written disclosure	T: theory or princi E: earlier patent of after the filing of ther D: document cited L: document cited	ple underlying the in ocument, but publistate in the application for other reasons	nvention shed on, or

EUROPEAN SEARCH REPORT

Application Number EP 02 29 3043

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ategory	Citation of document with i of relevant pass	ndication, where appropriate, sages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
Y	RESOLUTION" IBM TECHNICAL DISCL CORP. NEW YORK, US, vol. 35, no. 3,	-08-01), pages 207-208,	4	
Y	EP 1 170 801 A (SHI 9 January 2002 (200 * column 3, line 52 * column 4, line 44 * column 8, line 9	2-01-09) - column 4, line 3 * - line 50 *	6-8	
Α	* Corumn o, Time 9		1,5,12	
Υ	<pre>27 December 2001 (2 * paragraph '0080!; * paragraph '0122!;</pre>	figures 11E,11F * figures 13D,13E *	9-11	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	* paragraph '0132! figures 11D,11E *	- paragraph 0133:; 	1,2,5	
	The present search report has	been drawn up for all claims	1	
	Place of search	Date of completion of the search		Examiner
	BERLIN	4 November 2003	K10	ofenstein, P
X : parti Y : parti docu A : tech O : non-	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with anot ment of the same category nological background -written disclosure mediate document	L : document cited for	cument, but publiste n the application or other reasons	shed on, or

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EUROPEAN SEARCH REPORT

Application Number EP 02 29 3043

	DOCUMENTS CONSIDI	ERED TO BE RELEVANT		
Category	Citation of document with in of relevant pass	dication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
D,A	* column 5, line 37 * column 6, line 22 * column 8, line 43 figures 1E,2A * * column 9, line 34 * column 14, line 16 1,2,3A * * column 15, line 33 figures 2B,2C,3B,3C	999-11-10) - line 16 * - column 3, line 27 * - column 4, line 31 * - line 45 * - line 44 * - column 9, line 18; - line 56 * 5 - line 55; figures 3 - column 16, line 14;	1,2,4,5	TECHNICAL FIELDS SEARCHED (Int.CI.7)
	The present search report has b	·		
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X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anoth ument of the same category nological background	4 November 2003 T: theory or principle E: earlier patent doc after the filling date D: document cited in L: document cited in	underlying the ir ument, but publis e the application or other reasons	shed on, or

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LACK OF UNITY OF INVENTION SHEET B

Application Number

EP 02 29 3043

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-4, 12-15

A method for recycling a surface of a substrate, wherein the surface comprises a sepa- ration profile after an implantation step, by removing only the region close to the edge of said substrate using a local polishing step.

2. Claims: 5-8

A method for recycling a surface of a substrate, wherein the surface comprises a separation profile after an implantation step, by removing only the region close to the edge of said substrate using a selective chemical attack and a protective layer.

3. Claims: 9-11

A method for recycling a surface of a substrate, wherein the surface comprises a separation profile after an implantation step, by removing only the region close to the edge of said substrate using a local ion attack.



CLAIMS INCURRING FEES
The present European patent application comprised at the time of filing more than ten claims.
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.
LACK OF UNITY OF INVENTION
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:
see sheet B
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 29 3043

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-11-2003

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